

Project: Building a chatbot using Amazon Lex

Description of the project: The chatbot should be able to entertain the queries of manufacturers, doctors, and researchers. For this, we need to branch the logic because each of these three classes will be having a different query. For branching the logic, we need Amazon Lambda.

Issues: Facing issues while integrating Amazon Lambda with Amazon Lex. The error image is shown below:

Invalid Lambda Response: Your request to
Amazon Lex couldn't be completed.
Lambda function arn:aws:lambda:ap-
southeast-
1:212161929253:function:DocFunc1
encountered a problem while processing
Amazon Lex request c6bad506-39d6-
492c-8725-8701794fbd17. The error
message from the Lambda function is
Unhandled. Check the Lambda function
log for error details, then try your request
again after fixing the error.

The code that is written in AWS Lambda is shown below:



```
1 exports.handler = async (event) => {
2
3     const intentName = event.sessionState.intent.name;
4
5     if(intentName == "welcome") {
6         const userName = event.sessionState.intent.slot.user_name.value.originalValue;
7         return {
8             "sessionState" : {
9                 "dialogAction": {
10                    "type": "ElicitIntent"
11                }
12            },
13            "messages": [{
14                "contentType": "PlainText",
15                "content": "Hi " + userName + ", can you please tell us your purpose of visiting our website?"
16            }]
17        }
18    }
19 };
20
```

Required Output: When the user enters their name, it should be stored in the 'user_name' slot and then the chatbot should respond with appropriate string content.